

=> d his nofile, 14 ibib abs 1-9  
'NOFILE,' IS NOT VALID HERE  
For an explanation, enter "HELP DISPLAY HISTORY".

=> d his nofile

(FILE 'HOME' ENTERED AT 15:38:38 ON 11 AUG 2011)

FILE 'CAPLUS' ENTERED AT 15:38:45 ON 11 AUG 2011

```
      SET LINE 250
      SET DETAIL OFF
      E CYCLODEXTRIN+ALL/CT
      SET LINE LOGIN
      SET DETAIL LOGIN
      SET LINE 250
      SET DETAIL OFF
      E B-CYCLODEXTRIN+ALL/CT
      SET LINE LOGIN
      SET DETAIL LOGIN
      SET LINE 250
      SET DETAIL OFF
      E A-CYCLODEXTRIN+ALL/CT
      SET LINE LOGIN
      SET DETAIL LOGIN
L1    49282 SEA SPE=ON ABB=ON PLU=ON CYCLODEXTRIN OR "F-CYCLODEXTR
      IN" OR "B-CYCLODEXTRIN" OR "A-CYCLODEXTRIN" OR
      "HP-B-CYCLODEXTRIN" OR "SBE-B-CYCLODEXTRIN"
      SET LINE 250
      SET DETAIL OFF
      E CYPERMETHRIN+ALL/CT
      SET LINE LOGIN
      SET DETAIL LOGIN
L2    22568 SEA SPE=ON ABB=ON PLU=ON PYRETHROID OR "PYRETHRINS" OR
      CYPERMETHRIN OR FENVALERATE OR DELTAMETHRIN OR CYFLUTHRIN
      SET LINE 250
      SET DETAIL OFF
      E PIPERONYL BUTOXIDE+ALL/CT
      SET LINE LOGIN
      SET DETAIL LOGIN
      SET LINE 250
      SET DETAIL OFF
      E SESAMOL+ALL/CT
      SET LINE LOGIN
      SET DETAIL LOGIN
L3    43401 SEA SPE=ON ABB=ON PLU=ON SYNERGIST OR PIPERONYL BUTOXIDE OR
      PBO OR "1,3-BENZODIOXOLE, 5-((2-(2-BUTOXYETHOXY)ETHOXY)METHYL)-
      6-PROPYL-" OR PBO OR SESAMOL OR "1,3-BENZODIOXOL-5-OL" OR
      "3,4-METHYLENEDIOXYPHENOL"
L4    9 SEA SPE=ON ABB=ON PLU=ON L1 AND L2 AND L3
```

=> d 14 ibib abs 1-  
YOU HAVE REQUESTED DATA FROM 9 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2011 ACS ON STN

ACCESSION NUMBER: 2010:1127861 CAPLUS

DOCUMENT NUMBER: 153:440825

TITLE: Surface topographies for non-toxic bioadhesion control  
INVENTOR(S): Brennan, Anthony B.; Long, Christopher James; Bagan,  
Joseph W.; Schumacher, James Frederick; Spiecker, Mark  
M.

PATENT ASSIGNEE(S): University of Florida, USA

SOURCE: U.S. Pat. Appl. Publ., 64pp., Cont.-in-part of U.S. Ser. No. 567,103.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20100226943	A1	20100909	US 2009-550870	20090831
US 20050178286	A1	20050818	US 2004-780424	20040217
US 7650848	B2	20100126	US 2006-567103	20061205
PRIORITY APPLN. INFO.:			US 2004-780424	A2 20040217
			US 2005-202532	A2 20050812
			US 2006-567103	A2 20061205

# ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The invention relates to articles and related devices and systems having surface topog. and/or surface elastic properties for providing non-toxic bioadhesion control. An article includes a first plurality of spaced features arranged in a plurality of groupings including repeat units. The spaced features within a grouping are spaced apart at an average distance of about 1 nm to about 500  $\mu$ m, each feature having a surface that is substantially parallel to a surface on a neighboring feature separated from its neighboring feature. The groupings of features are arranged with respect to one another so as to define a tortuous pathway. The plurality of spaced features provide the article with an engineered roughness index of about 5 to about 20.

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2005:394989 CAPLUS  
 DOCUMENT NUMBER: 142:406029  
 TITLE: Synergized insecticide complexed with cyclodextrin  
 INVENTOR(S): Piccolo, Oreste; Delogu, Giovanna; Borzatta, Valerio  
 PATENT ASSIGNEE(S): Endura S.P.A., Italy  
 SOURCE: PCI Int. Appl., 15 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005039287	A2	20050506	WO 2004-EP52665	20041026
WO 2005039287	A3	20050623		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
IT 1349308	B1	20081120	IT 2003-MI2088	20031027
AU 2004283492	A1	20050506	AU 2004-283492	20041026
AU 2004283492	B2	20110512		
CA 2543847	A1	20050506	CA 2004-2543847	20041026

EP 1715739 A2 20061102 EP 2004-817282 20041026  
 EP 1715739 B1 20090701  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK  
 CN 1870889 A 20061129 CN 2004-80031423 20041026  
 CN 1870889 B 20110629  
 BR 2004015906 A 20070116 BR 2004-15906 20041026  
 JP 2007509853 T 20070419 JP 2006-536100 20041026  
 AT 434935 T 20090715 AT 2004-817282 20041026  
 ES 2329477 T3 20091126 ES 2004-817282 20041026  
 MX 2006004586 A 20060731 MX 2006-4586 20060425  
 US 20070072827 A1 20070329 US 2006-577409 20060425  
 ZA 2006004325 A 20071227 ZA 2006-4325 20060525  
 IN 2006CN01872 A 20070608 IN 2006-CN1872 20060526  
 IN 248072 A1 20110617  
 PRIORITY APPLN. INFO.: IT 2003-MI2088 A 20031027  
 WO 2004-EP52665 W 20041026  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 AB The present invention provides a new insecticide formulation based on  
 cyclodextrin characterized in that the active substance (insecticide  
 and/or insect growth regulator), and a compound synergistic with the active  
 substance, are complexed simultaneously with cyclodextrin. The  
 formulation is a solid or as a solid/oil composition, and is soluble or  
 completely  
 emulsifiable in water or in aqueous mixts. of water miscible solvents. The  
 activity of the formulations was greater than that of a mixture of the two  
 active components each complexed sep. with cyclodextrin, for the same  
 dose. The preparation of the formulation and its use as an insecticide in  
 agriculture, for veterinary use or to eliminate household insects, are  
 further aspects of the invention.  
 OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (4 CITINGS)  
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
 L4 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN  
 ACCESSION NUMBER: 2005:141200 CAPLUS  
 DOCUMENT NUMBER: 142:254568  
 TITLE: Methods and compositions for increasing the efficacy  
 of biologically-active ingredients such as antitumor  
 agents  
 INVENTOR(S): Windsor, J. Brian; Roux, Stan J.; Lloyd, Alan M.;  
 Thomas, Collin E.  
 PATENT ASSIGNEE(S): Board of Regents, the University of Texas System, USA  
 SOURCE: PCI Int. Appl., 243 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014777	A2	20050217	WO 2003-US32667	20031016
WO 2005014777	A3	20050915		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2502148 A1 20050217 CA 2003-2502148 20031016  
 AU 2003304398 A1 20050225 AU 2003-304398 20031016  
 EP 1576150 A2 20050921 EP 2003-816736 20031016  
 EP 1576150 A3 20051102

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

US 20060276339 A1 20061207 US 2006-531744 20060123

PRIORITY APPLN. INFO.: US 2002-418803P P 20021016  
 WO 2003-US32667 W 20031016

# ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The invention provides methods and compns. for modulating the sensitivity of cells to cytotoxic compds. and other active agents. In accordance with the invention, compns. are provided comprising combinations of ectophosphatase inhibitors and active agents. Active agents include antibiotics, fungicides, herbicides, insecticides, chemotherapeutic agents, and plant growth regulators. By increasing the efficacy of active agents, the invention allows use of compns. with lowered concns. of active ingredients.

OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD (9 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2005:41493 CAPLUS

DOCUMENT NUMBER: 142:150256

TITLE: Pyrethrin slow-releasing preparation and its preparation process

INVENTOR(S): Wang, Huaiyong

PATENT ASSIGNEE(S): Honghe Senju Biology Co. Ltd., Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1481685	A	20040317	CN 2003-117808	20030501
CN 1206919	C	20050622		

PRIORITY APPLN. INFO.: CN 2003-117808 20030501

AB The slow-releasing preparation comprises cyclodextrin 10-20, pyrethrin concentrate

5-10, emulsifying agent 15-30, Tween 80 0.5-1.0%, PB synergist, BHT stabilizing agent, and addnl. water. The ratio of PB synergist to the pyrethrin concentrate is 1-3; and that of BHT stabilizing agent to the effective component of pyrethrin raw-oil is 12.5-25%. The emulsifying agent comprises 5202 15% and 2201 85%. The preparation process comprises: (1) mixing pyrethrin concentrate and BHT stabilizing agent, stirring to obtain mixture I;

(2) mixing PB synergist, emulsifying agent and tween 80 to obtain mixture II; (3) mixing mixture I and II; (4) adding cyclodextrin under stirring; and (5) adding water under stirring.

L4 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2003:285047 CAPLUS  
 DOCUMENT NUMBER: 140:1869  
 TITLE: Action of pyrethrum-based formulations against grain weevils  
 AUTHOR(S): Biebel, R.; Rametzhofer, E.; Klapal, H.; Polheim, D.; Viernstein, H.  
 CORPORATE SOURCE: Centre of Pharmacy, Institute of Pharmaceutical Technology and Biopharmaceutics, University of Vienna, Vienna, A-1090, Austria  
 SOURCE: International Journal of Pharmaceutics (2003), 256(1-2), 175-181  
 CODEN: IJPHDE; ISSN: 0378-5173  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB Pyrethrum extract, containing six insecticidal esters, has a long history of successful application in the control of stored products. Its low environmental hazard makes it an ideal pesticide for outdoor pre-harvest treatment. However the disadvantage of its low light stability then becomes apparent. This drawback can be overcome by the complexation of pyrethrum extract with gamma-cyclodextrin. Primary object of the conducted studies was to investigate the effect of complexation upon the insecticidal action against the grain weevil, an important storage pest in temperate climates. To slow down the quick metabolism of pyrethrum by the insects' microsomal system synergistic substances are added. Addnl. to the already well-known piperonyl butoxide two natural synergists, sesamol and tocopherol acetate, were combined with pyrethrum extract to investigate their synergistic activity. A complex of pyrethrum with gamma-cyclodextrin, with piperonyl butoxide as synergist, has a slightly enhanced action compared to a com. product, which contained pyrethrum in its free form. Sesamol and tocopherol acetate also display a synergistic action, but to a much smaller degree, even if applied in larger amts. The optimal concentration of pyrethrum was found to be 0.3% combined with 3% piperonyl butoxide.  
 OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)  
 REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2011 ACS ON SIN

ACCESSION NUMBER: 2002:134351 CAPLUS  
 DOCUMENT NUMBER: 136:146538  
 TITLE: Aromatic insecticide composition consisting of pyrethrin and manufacturing method thereof  
 INVENTOR(S): Han, Jong Hwi; Kwon, Do Woo; Lee, Bong Sang  
 PATENT ASSIGNEE(S): S. Korea  
 SOURCE: Repub. Korean Kongkae Taeho Kongbo, No pp. given  
 CODEN: KRXXA7  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Korean  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
KR 2000037438	A	20000705	KR 2000-21708	20000424
PRIORITY APPLN. INFO.:			KR 2000-21708	20000424

AB An aromatic insecticide composition consisting of pyrethrin, piperonyl butoxide, .beta.-cyclodextrin inclusion complex of l-menthol is provided which has excellent insecticidal effect on insects such as cockroaches, ants or mosquitoes living indoors or outdoors. A manufacturing

method of the aromatic insecticide composition comprises of the following steps:  
 0.2-1.0 pts. weight of pyrethrin, 0.6-3 pts. weight of piperonyl butoxide and 3-7 pts. weight of camphor are solubilized in alc. or acetone; the solution is sprayed onto 1-5 pts. weight of hard silicate anhydride to be absorbed and then dried; and 1-5 pts. weight of magnesium stearic acid, optionally 20-50 pts. weight of .beta.-cyclodextrin inclusion complexes of l-menthol, are added.

L4 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:510353 CAPLUS  
 DOCUMENT NUMBER: 135:60473  
 TITLE: Antiseptic, antibacterial, insect-resistant, antisenescence and antistaling agent for storage of chestnut  
 INVENTOR(S): Xiao, Guoguang; Wang, Xiaoming; Wang, Rong; Tang, Shijun; Gan, Feng; Li, Changzhu  
 PATENT ASSIGNEE(S): Changsha Research Inst. of Mining and Metallurgy, Ministry of Metallurgical Industry, Peop. Rep. China  
 SOURCE: Faming Zhuanli Shengqing Gongkai Shuomingshu, 7 pp. CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1271526	A	20001101	CN 1999-115342	19990422
CN 1213665	C	20050810		

PRIORITY APPLN. INFO.: CN 1999-115342 19990422

AB The antistaling agent is composed of main composition 5-95, synergist 0.1-20, emulsifying dispersant 0.1-15, and filler 5-95%. The main composition is compound A, B, and/or C. The compound A is gibberellin, substituted phenoxy acid or its derivs. (such as 4-chlorophenoxyacetic acid, or 2,4-dichlorophenoxyacetic acid), naphthylacetic acid, etc. The compound B is bactericide selected from carbendazim, benomyl, etc. The compound C is selected from dimethrin, carbamate, or plant insecticide. The synergist is selected from citric acid, citral, engenol, CM-cellulose, carboxymethylated starch, or cyclodextrin. The emulsifying dispersant is selected from alkyl benzenesulfonate, alkyl sulfate, alkyl naphthylsulfonate, etc. The filler is selected from water, spirit, bentonite, kaolin, sepiolite, zeolite, CaCO<sub>3</sub>, pearlite, vermiculite, and/or fly ash, etc. The dose form is granule, powder, wettable powder, suspension, emulsion, or solution

L4 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 2001:42039 CAPLUS  
 DOCUMENT NUMBER: 134:67495  
 TITLE: Preparation of floating-type agrochemicals for rice field  
 INVENTOR(S): Xiao, Guoguang; Wang, Rong  
 PATENT ASSIGNEE(S): Changsha Inst. of Mining & Metallurgy, Ministry of Metallurgical Industry, Peop. Rep. China  
 SOURCE: Faming Zhuanli Shengqing Gongkai Shuomingshu, 8 pp. CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1252218	A	20000510	CN 1998-112697	19981026
CN 1166289	C	20040915		

PRIORITY APPLN. INFO.: CN 1998-112697 19981026

AB The floating-type agrochems. comprises active component 0.1-50, synergist 0.1-20, and floating carrier 99.8-30%. The active component is selected from various agrochems., such as pesticides: fenitrothion, urbacid, carbaryl-BHC, parathion, dimethoate, phosmet, shachongshuang, carbamates, lambda-cyhalothrin, deltamethrin; herbicides: acetochlor, propisochlor, butachlor, quinclorac, bispyribac-sodium, bensulfuron-Me, metsulfuron-Me, pyrazosulfuron-Et, tribenuron-Me, imazosulfuron, fenclorim, fenclorazole, fenoxaprop-Et; plant growth regulators: gibberellic acid, cytokinins, kinetin, mepiquat chloride, DCPTA; and fungicides: jinggangmycin and thiophanate etc. The synergist is selected from cyclodextrin, anilofos, etc. The floating carrier comprises carrier with apparent d. of less than 1, oily substance, surfactant and stabilizer. The carrier is selected from expanded perlite, vermiculite, zeolite, coal ash, macromol. foam material, pulverized maize core, etc.; the oily substance from paraffin oil, glyceryl ester, animal oil, vegetable oil, mineral oil, etc.; the surfactant from alkylsulfonate, alkyl sulfate, alkylbenzenesulfonate, etc.; and the stabilizer from BaSO<sub>4</sub>, CaSO<sub>4</sub>, KH<sub>2</sub>PO<sub>4</sub>, zeolite, etc. The process comprises mixing active component and synergist at 10-45°, milling, and mixing with floating carrier.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L4 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2011 ACS on STN

ACCESSION NUMBER: 1984:493152 CAPLUS

DOCUMENT NUMBER: 101:93152

ORIGINAL REFERENCE NO.: 101:14273a,14276a

TITLE: Piperonyl butoxide-cyclodextrin inclusion complexes

INVENTOR(S): Szejtli, Jozsef; Budai, Zsuzsanna; Radvany Hegedus, Erzsebet; Papp, Laszlo; Koermoeoczy, Gyoergy; Pap Imrenyi, Gabriella

PATENT ASSIGNEE(S): Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt., Hung.

SOURCE: Ger. Offen., 17 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3339840	A1	19840510	DE 1983-3339840	19831104
HU 32138	A2	19840628	HU 1982-3597	19821109
HU 190818	B	19861128		
GB 2131426	A	19840620	GB 1983-29345	19831103
GB 2131426	B	19860813		
FR 2535720	A1	19840511	FR 1983-17644	19831107
FR 2535720	B1	19860228		
JP 59152381	A	19840831	JP 1983-210680	19831109
US 4524068	A	19850618	US 1983-550478	19831109
			HU 1982-3597	A 19821109

PRIORITY APPLN. INFO.: HU 1982-3597 A 19821109

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The reaction of cyclodextrin with piperonyl butoxide (I) gave the title product which increased the efficacy of insecticides and fungicides.

Thus, a mixture of 20 g .beta.-cyclodextrin and 5 mL I was homogenized for 5 min and dried to give 25.1 g .beta.-cyclodextrin-piperonyl butoxide compound (II) [91454-94-3] (1:0.84) containing 20% I. On feeding on filter paper containing 5 mg tetramethrin [7696-12-0], the II knocked down *Drosophila melanogaster* 1.5-2 times faster than I did in 24 h.

OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD  
(7 CITINGS)